

FILE 'HOME' ENTERED AT 14:19:58 ON 18 APR 2005

=> file biosis caplus caba agricola

=> s leaf and (shape or length or width) and gene
L1 4173 LEAF AND (SHAPE OR LENGTH OR WIDTH) AND GENE

=> s l1 and transform?
L2 531 L1 AND TRANSFORM?

=> duplicate remove 12
L3 327 DUPLICATE REMOVE L2 (204 DUPLICATES REMOVED)

=> d ti 1-50

L3 ANSWER 1 OF 327 CAPPLUS COPYRIGHT 2005 ACS on STN
TI Inbred maize line PH890

L3 ANSWER 2 OF 327 CAPPLUS COPYRIGHT 2005 ACS on STN
TI Inbred maize line PH7BW

L3 ANSWER 3 OF 327 CAPPLUS COPYRIGHT 2005 ACS on STN
TI Inbred maize line PH6CF

L3 ANSWER 4 OF 327 CAPPLUS COPYRIGHT 2005 ACS on STN
TI Inbred maize line PH6WA

L3 ANSWER 5 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI The molecular characterization of a cDNA encoding the putative integral membrane protein, HvSec61[alpha], expressed during early stage of barley kernel development.

L3 ANSWER 6 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI High-level production of yeast (*Schwanniomyces occidentalis*) phytase in transgenic rice plants by a combination of signal sequence and codon modification of the phytase gene.

L3 ANSWER 7 OF 327 CAPPLUS COPYRIGHT 2005 ACS on STN
TI Development of double-transformed lettuce plants with two types of human ferritin gene

L3 ANSWER 8 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Epitope tagging of legume root nodule extensin modifies protein structure and crosslinking in cell walls of transformed tobacco leaves.

L3 ANSWER 9 OF 327 CAPPLUS COPYRIGHT 2005 ACS on STN
TI Nucleic acids encoding transcription factors in plants and their use for modifying phenotypic properties in transgenic plants

L3 ANSWER 10 OF 327 CAPPLUS COPYRIGHT 2005 ACS on STN
TI Inbred maize line NP2315

L3 ANSWER 11 OF 327 CAPPLUS COPYRIGHT 2005 ACS on STN
TI Inbred maize line 366C

L3 ANSWER 12 OF 327 CAPPLUS COPYRIGHT 2005 ACS on STN
TI Inbred maize line 413A

L3 ANSWER 13 OF 327 CAPPLUS COPYRIGHT 2005 ACS on STN
TI Plants and seeds of corn variety I244225

L3 ANSWER 14 OF 327 CAPPLUS COPYRIGHT 2005 ACS on STN
TI Plants and seeds of corn variety I363128

L3 ANSWER 15 OF 327 CAPPLUS COPYRIGHT 2005 ACS on STN
TI Inbred maize line PH8PG

L3 ANSWER 16 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Inbred maize line PH75K

L3 ANSWER 17 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Inbred maize line PH7AB

L3 ANSWER 18 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Inbred maize line PH3RC

L3 ANSWER 19 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Inbred maize line PH3PV

L3 ANSWER 20 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
DUPLICATE 1
TI A DNAbeta associated with Tomato Yellow Leaf Curl China Virus is required for symptom induction.

L3 ANSWER 21 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Role of 2,4-dichlorophenoxyacetic acid (2,4-D) in somatic embryogenesis on cultured zygotic embryos of *Arabidopsis*: cell expansion, cell cycling, and morphogenesis during continuous exposure of embryos to 2,4-D.

L3 ANSWER 22 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Gene and enhancer trap tagging of vascular-expressed genes in poplar trees

L3 ANSWER 23 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Activation of the *Oryza sativa* non-symbiotic haemoglobin-2 promoter by the cytokinin-regulated transcription factor, ARR1

L3 ANSWER 24 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Rearrangements in the Cf-9 disease resistance gene cluster of wild tomato have resulted in three genes that mediate Avr9 responsiveness.

L3 ANSWER 25 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Construction and transformation of an antisense CMV 2b gene.

L3 ANSWER 26 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Identification and characterization of several new members of the ZIP family of metal ion transporters in *Medicago truncatula*.

L3 ANSWER 27 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Improvement of drought tolerance in transgenic tobacco plants by a dehydrin-like gene transfer.

L3 ANSWER 28 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
DUPLICATE 4
TI Ploidy variation among herbicide-resistant bermudagrass plants of cv. TifEagle transformed with the bar gene.

L3 ANSWER 29 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Cloning and expression of an alternative oxidase gene from *Lycopersicon esculentum*.

L3 ANSWER 30 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI amphivasal vascular bundle 1, a gain-of-function mutation of the IFL1/REV gene, is associated with alterations in the polarity of leaves, stems and carpels

L3 ANSWER 31 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Field evaluation and risk assessment of transgenic indica basmati rice

L3 ANSWER 32 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Cloning, expression and characterization of LeFRK3, the fourth tomato (*Lycopersicon esculentum* Mill.) gene encoding fructokinase

L3 ANSWER 33 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Over-expression of ascorbate peroxidase in tobacco chloroplasts enhances
the tolerance to salt stress and water deficit.

L3 ANSWER 34 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Purification, and molecular studies on an Egyptian isolate of barley
yellow dwarf luteovirus.

L3 ANSWER 35 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Structure and expression of the barley stem rust resistance **gene**
Rpg1 messenger RNA.

L3 ANSWER 36 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Ribosome-inactivating activity and cDNA cloning of antiviral protein
isoforms of Chenopodium album

L3 ANSWER 37 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 7
TI Generation of a rice mutant library by shotgun antisense **gene**
silencing and mutant screening

L3 ANSWER 38 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Transgenic regal pelargoniums that express the rolC **gene** from
Agrobacterium rhizogenes exhibit a dwarf floral and vegetative phenotype.

L3 ANSWER 39 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 9
TI Inhibition of a ubiquitously expressed pectin methyl esterase in Solanum
tuberosum L. affects plant growth, **leaf** growth polarity, and ion
partitioning

L3 ANSWER 40 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Silencing of ribosomal protein L3 genes in N. tabacum reveals coordinate
expression and significant alterations in plant growth, development and
ribosome biogenesis.

L3 ANSWER 41 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Transient **gene** expression in secondary somatic embryos from
coffee tissues electroporated with the genes gus and bar.

L3 ANSWER 42 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Rice cold stress-responsive CRTINTP **gene**

L3 ANSWER 43 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Use of Arabidopsis thaliana genes encoding transcription factors for
modifying traits in transgenic plants

L3 ANSWER 44 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Inbred corn plant 5750 and seeds thereof

L3 ANSWER 45 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI cDNAs encoding sucrose phosphate synthase for increased cellulose
synthesis in transgenic cotton plants

L3 ANSWER 46 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Soybean cultivar S10-T1

L3 ANSWER 47 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Soybean cultivar SJ743473

L3 ANSWER 48 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Soybean cultivar SJ743490

L3 ANSWER 49 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Disease and herbicide resistant soybean cultivar S30-Y8

L3 ANSWER 50 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
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TI The arabidopsis LATERAL ORGAN BOUNDARIES-domain **gene** ASYMMETRIC LEAVES2 functions in the repression of KNOX **gene** expression and in adaxial-abaxial patterning.

=> d bib abs 50

L3 ANSWER 50 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
AN 2003:522762 BIOSIS
DN PREV200300510837
TI The arabidopsis LATERAL ORGAN BOUNDARIES-domain **gene** ASYMMETRIC LEAVES2 functions in the repression of KNOX **gene** expression and in adaxial-abaxial patterning.
AU Lin, Wan-ching; Shuai, Bin; Springer, Patricia S. [Reprint Author]
CS Department of Botany and Plant Sciences and Center for Plant Cell Biology,
University of California, Riverside, CA, 92521, USA
patricia.springer@ucr.edu
SO Plant Cell, (October 2003) Vol. 15, No. 10, pp. 2241-2252. print.
CODEN: PLCEEW. ISSN: 1040-4651.
DT Article
LA English
ED Entered STN: 5 Nov 2003
Last Updated on STN: 5 Nov 2003
AB The normal development of lateral organs of the shoot requires the simultaneous repression of meristem-specific genes and the activation of organ-specific genes. ASYMMETRIC LEAVES2 (AS2) is required for the development of normal leaf shape and for the repression of KNOX genes in the leaf. AS2 is a member of the recently identified, plant-specific LATERAL ORGAN BOUNDARIES (LOB)-domain **gene** family. Expression of AS2 at high levels resulted in repression of the KNOX homeobox genes BREVIPEDECELLUS, KNAT2, and KNAT6 but not of the related SHOOT MERISTEMLESS **gene**. Overexpression of AS2 also led to a perturbation of normal adaxial-abaxial asymmetry in lateral organs, resulting in the replacement of abaxial cell types with adaxial cell types. These results indicate that AS2 is sufficient to induce adaxial cell fate and repress KNOX **gene** expression.

=> d ti 51-100

L3 ANSWER 51 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Tolerance of mannitol-accumulating transgenic wheat to water stress and salinity.

L3 ANSWER 52 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 12
TI β -Alanine N-methyltransferase of Limonium latifolium. cDNA cloning and functional expression of a novel N-methyltransferase implicated in the synthesis of the osmoprotectant β -alanine betaine

L3 ANSWER 53 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Horticultural characterization of Angelonia salicariifolia plants transformed with wild-type strains of Agrobacterium rhizogenes.

L3 ANSWER 54 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Assembly of cholera toxin B subunit full-length rotavirus NSP4 fusion protein oligomers in transgenic potato

L3 ANSWER 55 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI A pea antisense **gene** for the chloroplast stromal processing peptidase yields seedling lethals in Arabidopsis: Survivors show defective GFP import in vivo.

L3 ANSWER 56 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Elucidation of the functions of genes central to diterpene metabolism in tobacco trichomes using posttranscriptional **gene** silencing.

L3 ANSWER 57 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on

TI Construction of synthetic genes for analogs of spider silk spidroin 1 and their expression in tobacco plants.

L3 ANSWER 58 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 14

TI Isolation and functional analysis of a strong specific promoter in photosynthetic tissues

L3 ANSWER 59 OF 327 CABA COPYRIGHT 2005 CABI on STN

TI Apple breeding progress in Japan.

L3 ANSWER 60 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 15

TI Construction of Synthetic Genes for Analogs of Spider Silk Spidroin 1 and Their Expression in Tobacco Plants

L3 ANSWER 61 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN

TI Molecular characterization of a strain of Squash leaf curl China virus from the Philippines

L3 ANSWER 62 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on Differences in the processing of DNA ends in *Arabidopsis thaliana* and tobacco: Possible implications for genome evolution.

L3 ANSWER 63 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN

TI Cloning and analysis of a γ -tocopherol methyltransferase gene from *Brassica oleracea* and the function of its recombinant protein

L3 ANSWER 64 OF 327 CABA COPYRIGHT 2005 CABI on STN

TI In vitro proliferation and rhizogenesis of transgenic strawberry carrying maize IAA-glucose synthetase gene (iaglu).

L3 ANSWER 65 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on Assembly of a cytosolic pine glutamine synthetase holoenzyme in leaves of transgenic poplar leads to enhanced vegetative growth in young plants.

L3 ANSWER 66 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 18

TI Phenotypic characterization of petunia plants expressing an indoleacetic acid (IAA)-lysine synthetase transgene driven by a shoot specific promoter

L3 ANSWER 67 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN

TI Transformation efficiencies and expression patterns of a series of truncated GS1-2 promoter/GUS transgenes in maize

L3 ANSWER 68 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on The phenotype of the *Arabidopsis* *cuel* mutant is not simply caused by a general restriction of the shikimate pathway.

L3 ANSWER 69 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN

TI Expression of a Thermostable Bacterial Cellulase in Transgenic Tobacco Plants

L3 ANSWER 70 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN

TI Modifying plant growth and development using the CDK inhibitor ICK1

L3 ANSWER 71 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN

TI A comparative study on the protective role of trehalose and LEA proteins against abiotic stresses in transgenic Chinese cabbage (*Brassica campestris*) overexpressing CaLEA or otsA

L3 ANSWER 72 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on Sucrose level influences micropropagation and gene delivery into leaves from in vitro propagated highbush blueberry shoots.

L3 ANSWER 73 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN

TI Improved in Plant Expression of the Human Islet Autoantigen Glutamic Acid Decarboxylase (GAD65)

L3 ANSWER 74 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Expression of cereal peroxidase and oxalate oxidase genes in tobacco results in alterations in plant development and programmed cell death in cell cultures.

L3 ANSWER 75 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Ultrastructural organization of chloroplasts of the leaves of potato plants **transformed** with the yeast invertase **gene** at normal and low temperature.

L3 ANSWER 76 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Overexpression of a **gene** encoding hydrogen peroxide-generating oxalate oxidase evokes defense responses in sunflower

L3 ANSWER 77 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on CND41, a chloroplast nucleoid protein that regulates plastid development, causes reduced gibberellin content and dwarfism in tobacco.

L3 ANSWER 78 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Development of improved germplasm of cotton through radiation and DNA-mediated embryo **transformation** technique - evaluation and confirmation of novel genotypes.

L3 ANSWER 79 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on Transient **gene** expression in secondary somatic embryos from coffee tissues electroporated with the genes gus and bar.

L3 ANSWER 80 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 22
TI Isolation and identification of a super strong plant promoter from cotton leaf curl Multan virus

L3 ANSWER 81 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Transient **gene** expression in secondary somatic embryos from coffee tissues electroporated with the genes gus and bar

L3 ANSWER 82 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Expression of multiple proteins in transgenic plants as fusion with ubiquitin linking domain

L3 ANSWER 83 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Methods for use of rice tungro bacilliform virus promoter and plant transcription factors Rf2a and Rf2b

L3 ANSWER 84 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Production of medium chain **length** polyhydroxyalkanoates from fatty acid biosynthetic pathways

L3 ANSWER 85 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Transcription factor genes from Arabidopsis thaliana and their use for modifying plant traits

L3 ANSWER 86 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Methods of **transforming** plants and identifying parental origin of a chromosome in those plants

L3 ANSWER 87 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Soybean cultivar M800188

L3 ANSWER 88 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Soybean cultivar J604217

L3 ANSWER 89 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Soybean cultivar W518471

L3 ANSWER 90 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Plants and seeds of corn variety I161473

L3 ANSWER 91 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Plants and seeds of corn variety I015036

L3 ANSWER 92 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Methods of making hybrid maize plant & seed 34F83 with improved quality

L3 ANSWER 93 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Plastid **transformation** of *Lycopersicon* plants

L3 ANSWER 94 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI STY1 and STY2 promote the formation of apical tissues during *Arabidopsis* gynoecium development.

L3 ANSWER 95 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Increases of 3-phosphoglyceric acid in potato plants through antisense reduction of cytoplasmic phosphoglycerate mutase impairs photosynthesis and growth, but does not increase starch contents

L3 ANSWER 96 OF 327 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 23
TI Expression of functional human-cytosolic Cu/Zn superoxide dismutase in transgenic tobacco.

L3 ANSWER 97 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 24
TI Cloning and expression of *cry3Aa7 gene* from *Bacillus thuringiensis* strain toxic to coleopteran pests

L3 ANSWER 98 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Interaction of collagen-related genes and susceptibility to betel quid-induced oral submucous fibrosis

L3 ANSWER 99 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 25
TI Temporal and spatial expression of a polygalacturonase during **leaf** and flower abscission in oilseed rape and *Arabidopsis*

L3 ANSWER 100 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Expression of the *gD gene* of pseudorabies virus in transgenic tobacco

=> d ti 101-150

L3 ANSWER 101 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Somatic hybrids between *Lycopersicon esculentum* and *Lycopersicon chmielewskii*

L3 ANSWER 102 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI The abscisic acid-related SNARE homolog NtSyr1 contributes to secretion and growth: Evidence from competition with its cytosolic domain.

L3 ANSWER 103 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Cloning of glutamate dehydrogenase cDNA from *Chlorella sorokiniana* and analysis of transgenic tobacco plants.

L3 ANSWER 104 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Study of two kinds of isoenzymes of descendants by introducing radiated exogenous DNA into tomato

L3 ANSWER 105 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Modification of flowering time in *Osteospermum ecklonis* L. by CONSTANS **gene**

L3 ANSWER 106 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Modification of flowering time in *Osteospermum ecklonis* L. by CONSTANS **gene**.

L3 ANSWER 107 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Improvement of linkage analysis in the silkworm, *Bombyx mori*, by using

cDNA clones' RFLP.

L3 ANSWER 108 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Asymmetric somatic hybrids between *Lycopersicon esculentum* and *Lycopersicon hirsutum*.

L3 ANSWER 109 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Expression of borage $\Delta 6$ desaturase in *Saccharomyces cerevisiae* and oilseed crops

L3 ANSWER 110 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Function of ribulose-1,5 - bisphosphate carboxylase/oxygenase activase on perception of gibberellin in rice

L3 ANSWER 111 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Use of non-feed back inhibited (truncated) hydroxymethylglutaryl CoA reductase **gene** (*thmg1*) from *Hevea brasiliensis* to increase level of 4-desmethyl sterols in transgenic plant seeds

L3 ANSWER 112 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Inbred corn plant 16IUL6 and seeds thereof

L3 ANSWER 113 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Inbred corn plant 89AHD12 and seeds thereof

L3 ANSWER 114 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Inbred corn plant GF6151 and seeds thereof

L3 ANSWER 115 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Inbred corn plant WQDS7

L3 ANSWER 116 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Local expression of expansin induces the entire process of **leaf** development and modifies **leaf shape**

L3 ANSWER 117 OF 327 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 28
TI Evidence for RNA-mediated defence effects on the accumulation of Potato leafroll virus.

L3 ANSWER 118 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Genome organization of Tobacco **leaf curl** Zimbabwe virus, a new, distinct monopartite begomovirus associated with subgenomic defective DNA molecules

L3 ANSWER 119 OF 327 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN
TI Use of a vector based on Potato virus X in a whole plant assay to demonstrate nuclear targeting of Potato spindle tuber viroid.

L3 ANSWER 120 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Overexpression of KNAT1 in lettuce shifts **leaf** determinate growth to a shoot-like indeterminate growth associated with an accumulation of isopentenyl-type cytokinins

L3 ANSWER 121 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 29
TI Significant accumulation of C4-specific pyruvate, orthophosphate dikinase in a C3 plant, rice

L3 ANSWER 122 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Stable genetic **transformation** of tomato plastids and expression of a foreign protein in fruit.

L3 ANSWER 123 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Integration of the *rolA* **gene** into the genome of the vigorous apple rootstock A2 reduced plant height and shortened internodes.

L3 ANSWER 124 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Agrobacterium-mediated transformation of 'Marion' blackberry.

L3 ANSWER 125 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Transformation of the apple rootstock M.9/29 with the rolB
gene and its influence on rooting and growth.

L3 ANSWER 126 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Tolerance of transformed cotton to glufosinate.

L3 ANSWER 127 OF 327 AGRICOLA Compiled and distributed by the National
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TI Altered development of *Arabidopsis thaliana* carrying the *Agrobacterium tumefaciens ipt* gene is partially due to ethylene effects.

L3 ANSWER 128 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI The chloroplast clpP gene, encoding a proteolytic subunit of
ATP-dependent protease, is indispensable for chloroplast development in
tobacco.

L3 ANSWER 129 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 33
TI Recombination with coat protein transgene in a complementation system
based on Cucumber mosaic virus (CMV)

L3 ANSWER 130 OF 327 AGRICOLA Compiled and distributed by the National
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(2005) on STN

TI Dramatic effects of truncation and sub-cellular targeting on the
accumulation of recombinant microbial cellulase in tobacco.

L3 ANSWER 131 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI A rapid method for the production and characterization of recombinant
insecticidal proteins in plants

L3 ANSWER 132 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI High level expression of C4-specific NADP-malic enzyme in leaves and
impairment of photoautotrophic growth in a C3 plant, rice.

L3 ANSWER 133 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Applications of biotechnology in eggplant.

L3 ANSWER 134 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Isolation and characterisation of cDNAs encoding the large and small
subunits of ADP-glucose pyrophosphorylase from cassava (*Manihot esculenta* Crantz).

L3 ANSWER 135 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Impaired expression of the plastidic ferrochelatase by antisense RNA
synthesis leads to a necrotic phenotype of transformed tobacco
plants.

L3 ANSWER 136 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Potential for manipulating carbon metabolism in wheat

L3 ANSWER 137 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Transformation of roses with genes for antifungal proteins

L3 ANSWER 138 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Transformation of roses with genes for antifungal proteins.

L3 ANSWER 139 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI A comparative study of the major characters of the bollworm resistant and
non-resistant cross combinations of the cotton variety Chuanza 9.

L3 ANSWER 140 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Detection of phytoplasma infection in rose, with degeneration symptoms.

L3 ANSWER 141 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Multi-**gene** expression constructs for engineering plants with stacked input traits using a single **transformation** event and for production of polyhydroxyalkanoates

L3 ANSWER 142 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Codeinone reductase from alkaloid poppy

L3 ANSWER 143 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Protein and cDNA sequences of *Arabidopsis DWF4 gene* encoding a cytochrome P450 that mediates multiple 22 α -hydroxylation steps in brassinosteroid biosynthesis, and uses thereof

L3 ANSWER 144 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Plant-codon optimized porcine transmissible gastroenteritis virus chimeric S **gene**, its construction, sequence and use in recombinant production of spike proteins for vaccinating pigs

L3 ANSWER 145 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Molecular cloning, genomic organization, and biochemical characterization of myristoyl-CoA:protein N-myristoyltransferase from *Arabidopsis thaliana*.

L3 ANSWER 146 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Performance of transgenic corn hybrids in Missouri for insect control and yield.

L3 ANSWER 147 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
DUPLICATE 36
TI The chloroplast and **leaf** developmental mutant, pale cress, exhibits light-conditional severity and symptoms characteristic of its ABA deficiency.

L3 ANSWER 148 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Transgenic "Royal Gala" apple expressing attacin E has increased field resistance to *Erwinia amylovora* (fire blight)

L3 ANSWER 149 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Transgenic 'Royal Gala' apple expressing attacin E has increased field resistance to *Erwinia amylovora* (fire blight).

L3 ANSWER 150 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI MDH1: an apple homeobox **gene** belonging to the BEL1 family

=> d bib abs 116

L3 ANSWER 116 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2001:729052 CAPLUS
DN 136:18020
TI Local expression of expansin induces the entire process of **leaf** development and modifies **leaf shape**.
AU Pien, Stephane; Wyrzykowska, Joanna; McQueen-Mason, Simon; Smart, Cheryl; Fleming, Andrew
CS Institute of Plant Sciences, Swiss Federal Institute of Technology, Zurich, CH-8092, Switz.
SO Proceedings of the National Academy of Sciences of the United States of America (2001), 98(20), 11812-11817
CODEN: PNASA6; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal
LA English
AB Expansins are a family of extracellular proteins proposed to play a key role in wall stress relaxation and, thus, in cell and tissue growth. To

test the possible function of expansins in morphogenesis, we have developed a technique that allows transient local microinduction of gene expression in transgenic plants. We have used this system to manipulate expansin gene expression in various tissues. Our results indicate that local expansin expression within the meristem induces a developmental program that recapitulates the entire process of leaf formation. Moreover, local transient induction of expansin expression on the flank of developing primordia leads to the induction of ectopic lamina tissue and thus modulation of leaf shape. These data describe an approach for the local manipulation of gene expression and indicate a role for expansin in the control of both leaf initiation and shape. These results are consistent with the action of cell division-independent mechanisms in plant morphogenesis.

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ti 151-200

L3 ANSWER 151 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Cyclin D control of growth rate in plants

L3 ANSWER 152 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Regulation of Tomato leaf curl viral gene expression in host tissues.

L3 ANSWER 153 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Deletional analysis of functional regions of complementary sense promoter from cotton leaf curl virus.

L3 ANSWER 154 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Chalcone synthase gene from Antirrhinum majus in antisense orientation successfully suppressed the petals pigmentation of chrysanthemum

L3 ANSWER 155 OF 327 CABAB COPYRIGHT 2005 CABI on STN
TI Chalcone synthase gene from Antirrhinum majus in antisense orientation successfully suppressed the petals pigmentation of chrysanthemum.

L3 ANSWER 156 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Growth characteristics of the untransformed and transformed apple rootstock M26 with rolA and rolB genes under steady-state nutrient supply conditions

L3 ANSWER 157 OF 327 CABAB COPYRIGHT 2005 CABI on STN
TI Growth characteristics of the untransformed and transformed apple rootstock M26 with rolA and rolB genes under steady-state nutrient supply conditions.

L3 ANSWER 158 OF 327 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN
TI Construction of a yeast artificial chromosome library of pepper (*Capsicum annuum* L.) and identification of clones from the Bs2 resistance locus.

L3 ANSWER 159 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Expression in yeast and tobacco of plant cDNAs encoding acyl CoA:diacylglycerol acyltransferase.

L3 ANSWER 160 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Expression of full-length bioactive antimicrobial human lactoferrin in potato plants.

L3 ANSWER 161 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on

TI Introduction of polyphosphate as a novel phosphate pool in the chloroplast of transgenic potato plants modifies carbohydrate partitioning.

L3 ANSWER 162 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Field performance of Xa21 transgenic indica rice (*Oryza sativa* L.), IR72.

L3 ANSWER 163 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Identification of a novel plant virus promoter using a potyvirus infectious clone.

L3 ANSWER 164 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Transgenic expression of cecropin B, an antibacterial peptide from *Bombyx mori*, confers enhanced resistance to bacterial leaf blight in rice.

L3 ANSWER 165 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Promoter activity of partially deleted complementary sense gene promoter from cotton leaf curl virus

L3 ANSWER 166 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Transformation of *Coffea arabica* using chitinase gene and regeneration of plantlets from transformed-zygotic embryos.

L3 ANSWER 167 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Cloning and gene ckx1 sequence encoding cytokinin oxidase from maize

L3 ANSWER 168 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Plant raffinose synthase genes, cDNA sequences and uses thereof, and methods for their detection and amplification

L3 ANSWER 169 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Plastidic pathway of serine biosynthesis.

L3 ANSWER 170 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Changes in the shapes of leaves and flowers upon overexpression of cytochrome P450 in *Arabidopsis*.

L3 ANSWER 171 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Transformation of tobacco and potato with cDNA encoding the full-length genome of Potato leafroll virus: Evidence for a novel virus distribution and host effects on virus multiplication.

L3 ANSWER 172 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI The alfalfa (*Medicago sativa*) TDY1 gene encodes a mitogen-activated protein kinase homolog.

L3 ANSWER 173 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Expression of tandem invertase genes associated with sexual and vegetative growth cycles in potato.

L3 ANSWER 174 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Heterologous myb genes distinct from GL1 enhance trichome production when overexpressed in *Nicotiana tabacum*.

L3 ANSWER 175 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
TI Ectopic expression of the maize homeobox gene Liguleless3 alters cell fates in the leaf.

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TI Transformation of 'Beurre Bosc' pear with the rolC gene

L3 ANSWER 177 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Promoter Deletions are Essential for Transformation of Lettuce

by the T- cyt **Gene**: The Phenotypes of Transgenic Plants

L3 ANSWER 178 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Genetic engineering of apple for increased resistance to fireblight.

L3 ANSWER 179 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Construction and biolistic inoculation of an infectious cDNA clone of apple chlorotic leaf spot Trichovirus

L3 ANSWER 180 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on Expression of cloned human lactoferrin cDNA in transgenic tobacco confers resistance to bacterial and viral diseases.

L3 ANSWER 181 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 47
TI Antisense inhibition of the GDP-mannose pyrophosphorylase reduces the ascorbate content in transgenic plants leading to developmental changes during senescence

L3 ANSWER 182 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on Expression of the chimeric pea PSPAL2 promoter in transgenic tobacco in response to fungal ingress and injury.

L3 ANSWER 183 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Evaluation of gibberellin 20-oxidase and rolC genes for dwarfing ornamental plants

L3 ANSWER 184 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on Expression and sequence requirements for nitrite reductase co-suppression.

L3 ANSWER 185 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on Effect of a substitution of a short chromosome segment carrying a histone H1 locus on expression of the homeotic gene **Tl** in heterozygote in the garden pea *Pisum sativum* L.

L3 ANSWER 186 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on Growth characteristics of apple cultivar Gravenstein plants grafted onto the **transformed** rootstock M26 with rolA and rolB genes under non-limiting nutrient conditions.

L3 ANSWER 187 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Further characterization and expression analysis of mirabilis mosaic caulimovirus (MMV) **full-length** transcript promoter with single and double enhancer domains in transgenic plants

L3 ANSWER 188 OF 327 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on rol-**Gene** expression in transgenic aspen (*Populus tremula*) plants results in accelerated growth and improved stem production index.

L3 ANSWER 189 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Variation of characters in groundnut (*Arachis hypogaea* L) cultivars induced by incorporation of the DNA of Japanese pagoda tree (*Sophora japonica* L.).

L3 ANSWER 190 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI DNA construct to confer multiple traits on plants

L3 ANSWER 191 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI The promoter (FLt) for the **full-length** transcript of peanut chlorotic streak caulimovirus (PC1SV)

L3 ANSWER 192 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI **Full-length** transcript (FLt) promoter from figwort mosaic caulimovirus (FMV) and its use to express chimeric genes in plant cells

L3 ANSWER 193 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Physiological analysis of plant dwarfing.

L3 ANSWER 194 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 53
TI Synthesis of medium-chain-length polyhydroxyalkanoates in
Arabidopsis thaliana using intermediates of peroxisomal fatty acid
 β -oxidation

L3 ANSWER 195 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Molecular characterization of the multigene family encoding the different
glutamine synthetase isoforms in the amphidiploid crop Brassica napus.

L3 ANSWER 196 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Accumulation of very-long-chain fatty acids in membrane glycerolipids is
associated with dramatic alterations in plant morphology

L3 ANSWER 197 OF 327 CABA COPYRIGHT 2005 CABI on STN
TI Pix management strategies for Bt cultivars in the coastal plains of Texas.

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(2005) on STN
TI Construction and characterization of a bacterial artificial chromosome
library of apple.

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TI Cadmium resistance in transgenic tobacco plants expressing the Nicotiana
glutinosa L. metallothionein-like gene

L3 ANSWER 200 OF 327 CAPLUS COPYRIGHT 2005 ACS on STN
TI Genetic engineering of apple for increased resistance to fireblight

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